

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Nicolai ALEXANDROV *et al.*

Application No.: 10/645,822

Confirmation No.: 7309

Filed: August 22, 2003

Art Unit: 1638

For: SEQUENCE-DETERMINED DNA  
FRAGMENTS AND CORRESPONDING  
POLYPEPTIDES ENCODED THEREBY

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Examiner: P. T. Bui

**REPLY UNDER 37 C.F.R. 1.111**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 12, 2011

Sir:

In response to the Office Action dated November 12, 2010, the period for response having been extended by three (3) months to May 12, 2011, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

This response includes:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** begin on page 5 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.